



North Carolina Department of
Environment and Natural Resources

ECOSYSTEM ENHANCEMENT PROGRAM

QUARTERLY REPORT

October 1, 2003 – December 31, 2003



This quarterly report is intended to satisfy reporting requirements of the Memorandum of Agreement entered into by the North Carolina Department of Environment and Natural Resources (NCDENR), the North Carolina Department of Transportation (NCDOT), and the United States Army Corps of Engineers (USACE), Wilmington District, on July 22, 2003, for providing compensatory mitigation through the NCDENR Ecosystem Enhancement Program to offset impacts to waters and wetlands due to activities authorized by Clean Water Act permits.



U.S. Army Corps
of Engineers
Wilmington District



Ecosystem Enhancement Program Quarterly Report October 1 – December 31, 2003

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i. Introduction

This report covers the period beginning October 1, 2003 through December 30, 2003. This is the second quarterly report of the Transition Period. The Transition Period allows for conversion from the current Wetlands Restoration Program (WRP) and NCDOT mitigation operations and methods to Ecosystem Enhancement Program (EEP) watershed based operations and methods that will provide mitigation prior to impacts. During transition, the EEP will provide compensatory mitigation at a ratio requiring at least 1:1 restoration. High quality preservation and enhancement may be accepted to supplement the 1:1 restoration requirement. Preservation is provided at the ratio of 10: 1 (for projects that do not have restoration at the time of permit; restoration for these impacts will be provided at the end of transition). Complete transition guidelines and requirements are found in Section IX of the MOA. The transition period will end on July 22, 2005.

ii. Report Structure

This report provides the following information as required in the MOA Section VII, Program Review:

1. Projected impacts by amount, type, and eight digit Cataloging Unit (CU) based on the 7-year anticipated impacts.
2. Mitigation sites acquired by amount, type, and eight-digit CU based on the 7-year anticipated impacts.
3. Mitigation projects that are complete and function, or otherwise available for use pursuant to Paragraph VI.B, of the MOA, by amount, type, and eight-digit CU and implementation status.
4. Mitigation projects that were debited by USACE permit Action ID, amount, type, and eight-digit CU.
5. Net remaining mitigation by amount, type, and eight-digit CU for each complete and function mitigation project.

The report is organized into three main sections.

Section 1 Projected Impacts. Table 1 addresses item number 1 above.

Section 2 Mitigation Project Status.

This section addresses items numbered 2 and 3 above and is organized in the following manner:

- Table 2. Restoration Site Status as of December 31, 2003
- Table 3: Preservation Site Status as of December 31, 2003
- Table 4: Restoration Assets Available
- Table 5a: Preservation Assets Available this quarter
- Table 5b. Cumulative Preservation Assets

Section 3 Project Accounting.

This section addresses items numbered 4 and 5 above and is organized in the following manner:

- Table 6: Mitigation Projects Debited by USACE permit Action ID
- Table 7: Net Remaining Mitigation

SECTION 1: PROJECTED IMPACTS

Projected Impacts based on 7-year anticipated impacts

The following table includes the most recent 7-year impact projections for each river basin and CU forecasted by NC DOT and provided to EEP in May 2002. Please note that these numbers have not changed from the previous report. The next quarterly report will reflect new impact projections.

Table 1

BROAD RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS	WETLAND IMPACTS
		Feet	Acres
<u>03050105</u>	2002	200	1.00
	2003	80	0.00
	2004	240	3.55
	2005	4,952	3.77
	2006	1,669	1.62
	2007	9,385	8.96
	2008	13,167	9.64

CAPE FEAR RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS	WETLAND IMPACTS
		Feet	Acres
<u>03030002</u>	2002	16,527	17.56
	2003	15,082	13.49
	2004	16,955	10.16
	2005	313	0.09
	2006	24,723	26.81
	2007	5,622	2.44
	2008	4,945	2.74
<u>03030003</u>	2002	1,760	1.00
	2003	8,100	4.08
	2004	11,901	3.47
	2005	2,862	4.15
	2006	4,686	2.20
	2007	1,590	0.54
	2008	20,387	37.98
<u>3030004</u>	2002	12,714	79.72
	2003	669	0.31
	2004	17,350	21.94
	2005	22,123	17.94
	2006	1,868	0.67
	2007	21,726	37.53
	2008	51	0.33

CAPE FEAR RIVER BASIN (continued)

CATALOGING UNIT		STREAM IMPACTS	WETLAND IMPACTS
		Feet	Acres
<u>03030005</u>	2002	4,356	0.20
	2003	0	0.99
	2004	170	1.31
	2005	0	0.00
	2006	765	4.96
	2007	0	0.00
	2008	16,494	25.16
<u>03030006</u>	2002	0	1.97
	2003	162	4.52
	2004	78	0.53
	2005	94	0.49
	2006	2,161	0.00
	2007	17,972	80.89
	2008	0	0.00
<u>03030007</u>	2002	2,340	104.59
	2003	148	0.87
	2004	29	0.01
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	7,445	66.44

CATAWBA RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS	WETLAND IMPACTS
		Feet	Acres
<u>03050101</u>	2002	10,709	2.22
	2003	17,614	8.21
	2004	910	10.58
	2005	1,180	0.00
	2006	4,647	7.76
	2007	3,098	2.64
	2008	6,988	8.39
<u>03050103</u>	2002	0	0.00
	2003	0	0.00
	2004	3,500	1.01
	2005	2,322	1.28
	2006	19,744	21.13
	2007	982	0.52
	2008	0	0.00

CATAWBA RIVER BASIN (continued)

CATALOGING UNIT		STREAM IMPACTS	WETLAND IMPACTS
		Feet	Acres
<u>03050102</u>	2002	141	0.00
	2003	0	0.51
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	2,159	2.28
	2008	0	0.00

CHOWAN RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS	WETLAND IMPACTS
		Feet	Acres
<u>03010203</u>	2002	0	0.00
	2003	0	0.00
	2004	100	0.49
	2005	0	0.00
	2006	0	0.00
	2007	1,031	3.92
	2008	2,185	7.13
<u>03010204</u>	2002	0	0.00
	2003	0	0.00
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00

FRENCH BROAD RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS	WETLAND IMPACTS
		Feet	Acres
<u>06010105</u>	2002	1,536	3.58
	2003	473	1.11
	2004	2,205	0.27
	2005	26,453	21.62
	2006	2,653	0.00
	2007	9,334	1.61
	2008	18,802	1.03
<u>06010106</u>	2002	250	0.00
	2003	395	0.10
	2004	100	0.00
	2005	0	0.00
	2006	14,579	0.00
	2007	0	0.00
	2008	0	0.00

FRENCH BROAD RIVER BASIN (continued)

CATALOGING UNIT	STREAM IMPACTS	WETLAND IMPACTS
	Feet	Acres
<u>06010108</u>		
2002	29	0.00
2003	80	0.00
2004	160	0.10
2005	0	0.00
2006	32,342	0.14
2007	0	0.00
2008	0	0.00

HIWASSEE RIVER BASIN

CATALOGING UNIT	STREAM IMPACTS	WETLAND IMPACTS
	Feet	Acres
<u>06020002</u>		
2002	100	1.00
2003	5,751	3.07
2004	60	0.00
2005	0	0.00
2006	0	0.00
2007	5,190	0.00
2008	0	0.00

LITTLE TENNESSEE RIVER BASIN

CATALOGING UNIT	STREAM IMPACTS	WETLAND IMPACTS
	Feet	Acres
<u>06010202</u>		
2002	0	0.00
2003	117	0.00
2004	104	0.00
2005	0	0.00
2006	0	0.00
2007	1,760	0.00
2008	0	0.00
<u>06010203</u>		
2002	13,840	0.02
2003	7,160	1.13
2004	650	0.00
2005	0	0.00
2006	0	0.00
2007	0	0.00
2008	0	0.00

LITTLE TENNESSEE RIVER BASIN (continued)

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
<u>06010204</u>			
	2002	0	0.00
	2003	0	0.00
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	8,303	0.00
	2008	5,284	0.00

LUMBER RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
<u>03040203</u>			
	2002	401	0.88
	2003	4,959	18.92
	2004	1,374	7.42
	2005	0	0.00
	2006	10,845	68.65
	2007	2,329	9.83
	2008	2,579	19.70
<u>03040204</u>			
	2002	0	0.00
	2003	0	1.01
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00
<u>03040206</u>			
	2002	0	0.21
	2003	0	0.67
	2004	100	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00
<u>03040207</u>			
	2002	0	0.20
	2003	0	0.00
	2004	0	4.45
	2005	4,073	12.95
	2006	516	28.30
	2007	0	0.00
	2008	0	0.00

NEUSE RIVER BASIN

CATALOGING UNIT	STREAM IMPACTS		WETLAND IMPACTS	
		Feet		Acres
<u>03020201</u>	2002	16,567		39.30
	2003	14,761		16.71
	2004	13,309		23.10
	2005	4,920		16.05
	2006	0		0.00
	2007	2,339		6.32
	2008	10,458		37.54
<u>03020202</u>	2002	0		0.00
	2003	0		0.23
	2004	13,531		14.71
	2005	2,626		8.61
	2006	6,618		4.91
	2007	0		0.00
	2008	2,242		27.49
<u>03020203</u>	2002	2,327		17.88
	2003	448		37.71
	2004	100		1.26
	2005	20,398		32.01
	2006	0		0.00
	2007	0		0.00
	2008	0		0.00
<u>03020204</u>	2002	0		5.40
	2003	4,371		22.10
	2004	5,665		184.40
	2005	0		0.00
	2006	1,731		63.64
	2007	781		0.09
	2008	3,436		0.11

NEW RIVER BASIN

CATALOGING UNIT	STREAM IMPACTS		WETLAND IMPACTS	
		Feet		Acres
<u>05050001</u>	2002	0		0.00
	2003	185		0.10
	2004	203		0.26
	2005	102		0.00
	2006	1,989		2.62
	2007	15,141		4.21
	2008	7,741		0.84

PASQUOTANK RIVER BASIN

CATALOGING UNIT	STREAM IMPACTS	WETLAND IMPACTS
	Feet	Acres
<u>03010205</u>		
2002	160	29.00
2003	49,880	69.93
2004	0	0.00
2005	3,538	29.49
2006	2,772	12.39
2007	0	0.72
2008	7,131	303.44

ROANOKE RIVER BASIN

CATALOGING UNIT	STREAM IMPACTS	WETLAND IMPACTS
	Feet	Acres
<u>03010102</u>		
2002	67	0.00
2003	52	3.03
2004	0	0.00
2005	0	0.00
2006	0	0.00
2007	0	0.00
2008	0	0.00
<u>03010103</u>		
2002	555	3.84
2003	150	0.29
2004	530	0.73
2005	0	0.00
2006	0	0.00
2007	3,118	0.80
2008	0	0.00
<u>03010104</u>		
2002	493	0.00
2003	24	0.43
2004	420	0.83
2005	2,899	0.57
2006	0	0.00
2007	0	0.00
2008	0	0.00
<u>03010106</u>		
2002	0	0.00
2003	0	0.00
2004	0	0.00
2005	0	0.00
2006	0	0.00
2007	0	0.00
2008	0	0.00

ROANOKE RIVER BASIN (continued)

CATALOGING UNIT		STREAM IMPACTS	WETLAND IMPACTS
		Feet	Acres
<u>03010107</u>			
	2002	0	0.00
	2003	100	1.49
	2004	230	1.23
	2005	0	0.00
	2006	613	19.93
	2007	1,515	43.12
	2008	4,973	11.01

TAR-PAMLICO RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS	WETLAND IMPACTS
		Feet	Acres
<u>03020101</u>			
	2002	100	1.67
	2003	76	0.45
	2004	540	4.08
	2005	0	0.00
	2006	769	0.00
	2007	3,262	2.96
	2008	2,228	2.53
<u>03020102</u>			
	2002	9,070	3.91
	2003	221	7.16
	2004	0	3.75
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00
<u>03020103</u>			
	2002	65	0.20
	2003	2,427	5.63
	2004	200	3.84
	2005	556	4.26
	2006	4,315	43.13
	2007	22,214	25.65
	2008	0	0.00
<u>03020104</u>			
	2002	0	0.00
	2003	5,604	9.36
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00

WATAUGA RIVER BASIN

CATALOGING UNIT	STREAM IMPACTS	WETLAND IMPACTS
	Feet	Acres
<u>06010103</u>		
2002	77	0.00
2003	202	0.00
2004	0	0.00
2005	6,548	0.15
2006	0	0.00
2007	9,944	1.17
2008	0	0.00

WHITE OAK RIVER BASIN

CATALOGING UNIT	STREAM IMPACTS	WETLAND IMPACTS
	Feet	Acres
<u>03030001</u>		
2002	2,963	5.93
2003	6,329	12.42
2004	0	0.85
2005	0	0.00
2006	0	0.00
2007	0	0.00
2008	0	0.0
<u>03020106</u>		
2002	0	0.30
2003	1,680	11.04
2004	0	0.68
2005	0	0.00
2006	0	0.00
2007	0	0.00
2008	280	8.54

YADKIN RIVER BASIN

CATALOGING UNIT	STREAM IMPACTS	WETLAND IMPACTS
	Feet	Acres
<u>03040101</u>		
2002	8,754	6.00
2003	8,823	0.29
2004	14,833	9.12
2005	5,774	3.19
2006	11,739	0.03
2007	3,488	2.33
2008	2,502	0.48

YADKIN RIVER BASIN (continued)

CATALOGING UNIT	STREAM IMPACTS		WETLAND IMPACTS	
		Feet		Acres
<u>03040102</u>	2002	60		0.00
	2003	3,173		3.40
	2004	1,703		0.70
	2005	2,933		0.08
	2006	1,314		0.22
	2007	3,484		2.04
	2008	0		0.00
<u>03040103</u>	2002	802		0.00
	2003	8,865		12.97
	2004	53		0.00
	2005	4,621		7.14
	2006	3,453		4.32
	2007	2,272		1.14
	2008	62		0.15
<u>03040104</u>	2002	20,814		22.41
	2003	600		0.00
	2004	0		0.00
	2005	0		0.00
	2006	7,510		1.74
	2007	0		0.00
	2008	0		0.00
<u>03040105</u>	2002	18,915		10.31
	2003	16,813		11.80
	2004	7,360		39.14
	2005	3,485		0.95
	2006	14,353		8.82
	2007	7,829		15.66
	2008	5,781		0.00
<u>03040201</u>	2002	14,813		56.78
	2003	0		0.00
	2004	207		0.85
	2005	0		0.00
	2006	0		0.00
	2007	0		0.00
	2008	1,065		0.00
<hr/>				
<u>Totals</u>	2002	161,506		417
	2003	185,574		286
	2004	114,869		355
	2005	122,772		165
	2006	178,375		324
	2007	165,866		257
	2008	<u>146,783</u>		<u>571</u>
		1,075,745		2,375

End of Table 1

SECTION 2: MITIGATION PROJECT STATUS

Section 2 shows the updated status of Ecosystem Enhancement Program restoration and preservation mitigation projects. Table 2 looks at restoration project status by river basin and CU. Table 3 looks at high quality preservation projects by eco-region.

Restoration Site Status as of December 31, 2003

Table 2 examines restoration sites initiated this quarter by amount, type, and eight-digit CU based on the 7-year anticipated impacts and also shows previously initiated projects whose status has changed since the last quarter. CU's that are not listed indicates that no activity occurred this quarter. Status is defined as:

Feasibility: potential project evaluated with regard to feasibility - includes analysis of constraints.

Planning: development of mitigation plan in process - includes initial project design.

Design: development of detailed restoration or enhancement project design underway.

Construction: restoration or enhancement project under construction.

Monitoring: construction complete and monitoring of project success underway.

Table 2

BROAD RIVER BASIN: No activity this quarter.

CAPE FEAR RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
0303000							
3	Meredell Farm	Stream	2400		6675	2500	Planning

CATAWBA RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
03050103	Little Sugar Creek	Stream	3000		2000		Planning
03050103	Caldwell Station	Stream and Wetland	2500 lf.	1.5 ac.	3 ac.		Planning
	03050103 str. total		5,500		2000		
	03050103 wet. total			1.5	3		

Table 2 continued next page

CHOWAN RIVER BASIN: No activity this quarter

FRENCH BROAD RIVER BASIN: No activity this quarter

HIWASSEE RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
06020002	Trout Cove Branch (NCWRP)	Stream	3900				Monitoring

LITTLE TENNESSEE RIVER BASIN: No activity this quarter

LUMBER RIVER BASIN: No activity this quarter

NEUSE RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
03020201	McGowan Creek	Stream and Wetland	3000 lf.			35 ac.	Feasibility
03020201	Paschal G.C.	Stream	2850				Design
03020201	Chevoit Hills	Stream	3000				Design
03020201	Goldboro Housing	Stream	2600				Design
	<i>03020201 str. total</i>						
	<i>03020201 wet. total</i>		11450			35	

NEW RIVER BASIN: No activity this quarter

PASQUOTANK RIVER BASIN: No activity this quarter

ROANOKE RIVER BASIN: No activity this quarter

SAVANNAH RIVER BASIN: No activity this quarter

Table 2 continued next page

TAR/PAMLICO RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
030201	East Tarboro		5000	15 ac.			
03	Canal	Stream and Wetland	1f.				Design
030201	UT Hendrick		1500	2 ac.			
03	Creek	Stream and Wetland	1f.				Design
	<i>03020103 str. total</i>			<i>17</i>			
	<i>03020103 wet. total</i>		<i>6500</i>				

WATAUGA RIVER BASIN: No activity this quarter

WHITE OAK RIVER BASIN: No activity this quarter

SECTION 2: Mitigation Project Status, Table 2 continued

YADKIN/PEE DEE RIVER BASIN: No activity this quarter

End of Table 2

Preservation Site Status as of December 31, 2003

Table 3, examines high quality **preservation** sites that are being acquired or have been acquired this quarter, by amount, type, and eight-digit CU based on the 7-year anticipated impacts and also shows projects that were initiated in a previous quarter and whose status has changed this quarter. This table is also organized by eco-region to correlate with preservation accounting.

Table 3 Site Status Definitions:

Funded: funds approved by Board of Transportation

Option: option to purchase obtained by State Property Office

Approved: site reviewed favorably by USACE

Acquired: site purchased or easement obtained by State Property Office

Table 3

Eco-region	River basin	Cataloging Unit	Site Name	Preservation Wetland Assets (ac)	Preservation Stream Assets (ft)	Site Status*
Northern Outer Coastal Plain	Roanoke	03010107	Roquist Pocosin	267 (number corrected)	0	Funded, Option, Approved
	Total			267	0	
Southern Outer Coastal Plain	No activity this quarter					
Northern Inner Coastal Plain	Neuse	03020201	Letlones / Massengill	0	19,750	Funded
	Total				19,750	
Southern Inner Coastal Plain	No activity this quarter					
Central Piedmont	Cape Fear	03030002	Eno River State Park / Wilderness	0	19,787	Funded, Option, Approved, Acquired
	Neuse	03020201	Eno River State Park / Poplar Ridge	0	5,400	Funded, Option, Approved, Acquired
	Neuse	03020201	Eno River / Cabe's Ford	0	2,203	Funded
	Cape Fear	03030002	Haw River / Duke Forest	0	32,000	Funded, Option, Approved, Acquired
	Cape Fear	03030002	Haw River State Park / Phillips	0	3,628	Funded, Option, Approved, Acquired
	Tar-Pamlico	03020101	Allen	26	26,300	Funded, Option
	Yadkin	03040101	Len's Knob / Little Mountain	0	42,000	Funded, Option, Approved, Acquired
	Cape Fear	03030003	White Pines / Newton	0	1,950	Funded
	Cape Fear	03030003	White Pines / Hern	0	6,950	Funded
	Total			26	140,218	

Continued
next page

Eco-region	River basin	Cataloging Unit	Site Name	Preservation Wetland Assets (ac)	Preservation Stream Assets (ft)	Site Status*
Central Piedmont	Cape Fear	03030002	Eno River State Park / Wilderness	0	19,787	Funded, Option, Approved, Acquired
	Neuse	03020201	Eno River State Park / Poplar Ridge	0	5,400	Funded, Option, Approved, Acquired
	Neuse	03020201	Eno River / Cabe's Ford	0	2,203	Funded
	Cape Fear	03030002	Haw River / Duke Forest	0	32,000	Funded, Option, Approved, Acquired
	Cape Fear	03030002	Haw River State Park / Phillips	0	3,628	Funded, Option, Approved, Acquired
	Tar-Pamlico	03020101	Allen	26	26300	Funded, Option
	Yadkin	03040101	Len's Knob / Little Mountain	0	42,000	Funded, Option, Approved, Acquired
	Cape Fear	03030003	White Pines / Newton	0	1,950	Funded
	Cape Fear	03030003	White Pines / Hern	0	6,950	Funded
	Total			26	140,218	
Continued next page						

Eco-region	River basin	Cataloging Unit	Site Name	Preservation Wetland Assets (ac)	Preservation Stream Assets (ft)	Site Status*
Southern Piedmont	Lumber	03040203	Drowning Creek / Camp Mackall	575	15,679	Funded, Option, Approved
	Yadkin	03040104	Denson's Creek	0	3,725	Funded
	Catawba	03050101	Rankin / Gaston County	0	18,300	Funded, Option, Acquired
	Lumber	03040204	Drowning Creek II / Rankin	0	24,341	Funded
	Total:			575	62,045	
Northern Mountains	French Broad	06010108	Roan Massif / Bruchon	0	5,550	Funded, Option, Approved
	Yadkin	03040101	Mingo Tract	0	73,000 (shared with CNMTF)	Funded, Approved, Acquired
	Total:			0	78,550	
Southern Mountains	Little Tennessee	06010202	Needmore Tract	0	96,446	Funded, Approved, Acquired
	Little Tennessee	06010202	Lost Bridge	0	10,650	Funded, Acquired
	Total:			0	107,096	
Southern Piedmont	Lumber	03040203	Drowning Creek / Camp Mackall	575	15,679	Funded, Option, Approved
	Yadkin	03040104	Denson's Creek	0	3,725	Funded
	Catawba	03050101	Rankin / Gaston County	0	18,300	Funded, Option, Acquired
	Lumber	03040204	Drowning Creek II / Rankin	0	24,341	Funded
	Total:			575	62,045	
Northern Mountains	French Broad	06010108	Roan Massif / Bruchon	0	5,550	Funded, Option, Approved
	Yadkin	03040101	Mingo Tract	0	73,000 (shared with CNMTF)	Funded, Approved, Acquired
	Total:			0	78,550	
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Eco-region	River basin	Cataloging Unit	Site Name	Preservation Wetland Assets (ac)	Preservation Stream Assets (ft)	Site Status*
Southern Mountains	Little Tennessee	06010202	Needmore Tract	0	96,446	Funded, Approved, Acquired
	Little Tennessee	06010202	Lost Bridge	0	10,650	Funded, Acquired
	Total:			0	107,096	

End of Table 3

Restoration Assets Available

Table 4 shows restoration assets available by river basin and cataloging unit (CU). These restoration project assets are the sum of assets available from sites within the same CU that have progressed into the design, construction, or monitoring phase of the project. Preservation assets listed in this table are not counted in the Preservation Assets Available Table because this preservation was obtained through the acquisition-of-restoration mitigation, prior to the Preservation Site Guidelines developed by the USACE for Transition. *River basins and Cataloging Units that have no assets available this quarter are not shown.*

Table 4:

Legend: R= Restoration, C= Creation, E= Enhancement, P= Preservation

RIVER BASIN	Catalog Unit	WETLAND ASSETS				STREAM ASSETS			
		Acres				Feet			
		R	C	E	P	R	C	E	P
CAPE FEAR	03030002					4000			
	03030003					11140			
	03030007	9.9	10.2	7.6	352				
CATAWBA	03050102	5.5	10.4	0.4		5677		1200	
FRENCH BROAD	06010105	10							
HIWASSEE	06020002					3900			
LITTLE TENNESSEE	06010202	9				7000			
Continued next page									

NEUSE	03020201					8450			
	03020202	123		34	300				
	03020203	16.5							
	03020204	1485		2076	399				
PASQUOTANK	03010205	252							
TAR- PAM	03020101					4760			
	03020103	17	80	2	348	6500			
	03020104	97		19					
YADKIN/PEE EEP	03040101	9.6				17931			
	03040103		13			3000			
	03040104	2				1900			
WATAUGA	06010103					2800		1000	

End of Table 4

Preservation Assets Available

Table 5a and Table 5b show preservation assets available by eco-region, river basin and cataloging unit. Table 5a examines preservation assets that became available this quarter. Table 5b examines the cumulative amount of preservation assets including assets available at the conclusion of the previous quarter. These preservation project assets are the sum of assets available from sites that have been funded, have an option to purchase, and have been favorably reviewed by the USACE.

Table 5a Preservation Assets that Became Available this Quarter

Eco-region	River basin	Cataloging Unit	Site Name	Wetland Assets (ac)	Stream Assets (ft)
Northern Outer Coastal Plain			Roquist Pocosin	267	0
Southern Outer Coastal Plain				0	0
Northern Inner Coastal Plain				0	0
Southern Inner Coastal Plain				0	0
Central Piedmont	Cape Fear	03030002	- Eno River/Poplar Ridge - Haw River State Park /Phillips - Len's Knob/Little Mountain	0	51,028
Southern Piedmont	Lumber	03040203	Drowning Creek/ Camp Mackall	575	15,679
Northern Mountains	French Broad	06010108	- Roan Massif/ Bruchon;	0	73,000
	Yadkin	03040101	- Mingo;		
Southern Mountains				0	0

Table 5b Cumulative Preservation Assets

Eco-region	River basin	Cataloging Unit	Site Name	Wetland Assets (ac)	Stream Assets (ft)
Northern Outer Coastal Plain			Roquist Pocosin	267	0
Southern Outer Coastal Plain				0	0
Northern Inner Coastal Plain				0	0
Southern Inner Coastal Plain	Cape Fear	03030006	Great Coharrie Creek	4,500	309,319
Central Piedmont	Cape Fear	03030002	- Eno River/Poplar Ridge - Haw River State Park /Phillips - Len's Knob/Little Mountain	0	51,028
Southern Piedmont	Lumber	03040203	Drowning Creek/ Camp Mackall	575	15,679
Northern Mountains	French Broad	06010108	- Roan Massif/ Bruchon;	0	73,000
	Yadkin	03040101	- Mingo		
Southern Mountains	Little Tennessee	06010202	Needmore Tract	0	96,446 (no debits)

End of Table 5

SECTION 3: PROJECT ACCOUNTING

Section 3 reconciles the remaining assets available for use within an eco-region, river basin or cataloging unit by looking at mitigation projects that have been accepted against what is available.

Table 6 shows projects that have been debited by USACE permit Action ID. All of the sites listed are preservation sites unless indicated.

Table 6

EEP Acceptance of Mitigation Responsibility October 1 through December 31, 2003

USACE Notified that EEP has the mitigation	USACE Action ID	TIP Project, County, Impacts	Site Identified – Associated Assets
October 2003			
2 nd	-	B-2980, Halifax, 0.74 ac. wetland impacts.	Roquist Pocosin – 7.4 ac.
6 th	-	U-2404A, Catawba, 0.22 ac. wetland impacts, 2,128 ft. stream impacts.	Harris Site – 2.2 ac. Eno River ST. Pk / Poplar Ridge – 6,277 ft. Harris Site – 13,343 ft. Haw River St. Pk / Phillips – 1,660 ft.
7 th	200221536	R-2911E, Rowan, 197 ft. stream impacts.	Haw River St. Pk. / Phillips - 1,970 ft.
14 th	199920387	R-2000AA/AB/AC, Wake, 10,547 ft. stream impacts.	Wake Forest Seminary – 1,177 ft. (NCWRP restoration in CU 03020201) Len's Knob/Little Mountain – 28,828 ft

Available Preservation Assets After Debits as of December 31, 2003

During the second quarter no restoration sites have been used for mitigation; therefore, **all available assets listed in Table 4 remain.** Table 7 below shows net remaining mitigation from preservation projects that were used in the second quarter and lists the *remaining assets* for the eco-region.

Table 7

End of Table 7

Eco-region	River basin	Cataloging Unit	Site Name	Wetland Assets (ac)	Stream Assets (ft)
Northern Outer Coastal Plain	Roanoke	03010107	Roquist Pocosin	259.6	0
Southern Outer Coastal Plain				0	0
Northern Inner Coastal Plain				0	0
Southern Inner Coastal Plain	Cape Fear	03030006	Great Coharrie Creek	4,500	309,319
Central Piedmont	Cape Fear	03030002	-Eno River/Poplar Ridge -Haw River State Park / Phillips -Len's Knob/Little Mountain	0	12,293
Southern Piedmont	Lumber	03040203	Drowning Creek/ Camp Mackall	575	15,679
Northern Mountains	French Broad	06010108	-Roan Massif/ Bruchon;	0	73,000
	Yadkin	03040101	-Mingo		
Southern Mountains	Little Tennessee	06010202	Needmore Tract	0	96,446

Ecosystem Enhancement Program (EEP)

MISSION

The mission of the Ecosystem Enhancement Program is to restore, enhance, preserve and protect the functions associated with wetlands, streams and riparian areas including but not limited to those necessary for the restoration, maintenance and protection of water quality and riparian habitats throughout North Carolina.

VISION

The Ecosystem Enhancement Program is a model organization that protects, enhances, and restores the ecological function of North Carolina's natural resources through advance mitigation.

PURPOSE

The purpose of the Ecosystem Enhancement Program is to provide a comprehensive, natural resource enhancement program that identifies ecosystem needs at the local watershed level. The EEP further preserves, enhances, and restores ecological functions within the target watersheds while addressing impacts from anticipated NCDOT transportation projects.